

Heat Sink With A Cutout
Inventor: Darin P. Smedberg
Serial No. 10/071,968

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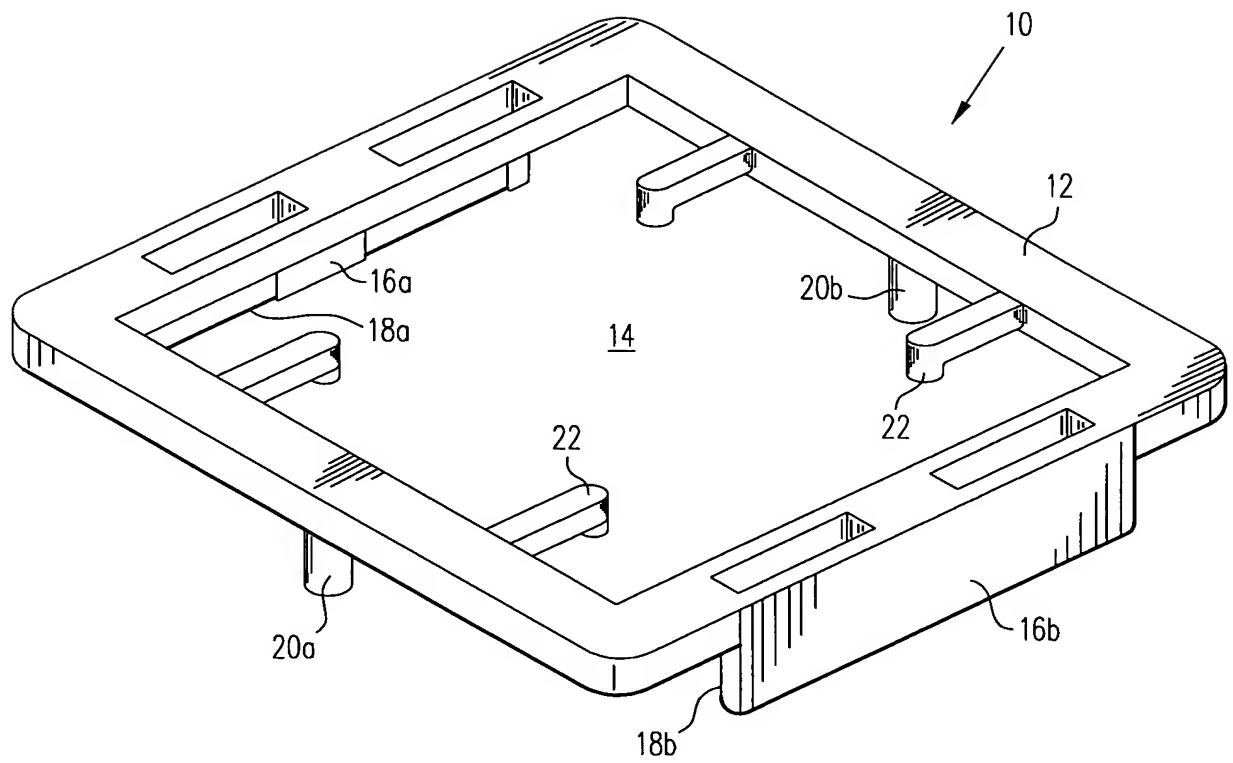


FIG. 1
(Prior Art)



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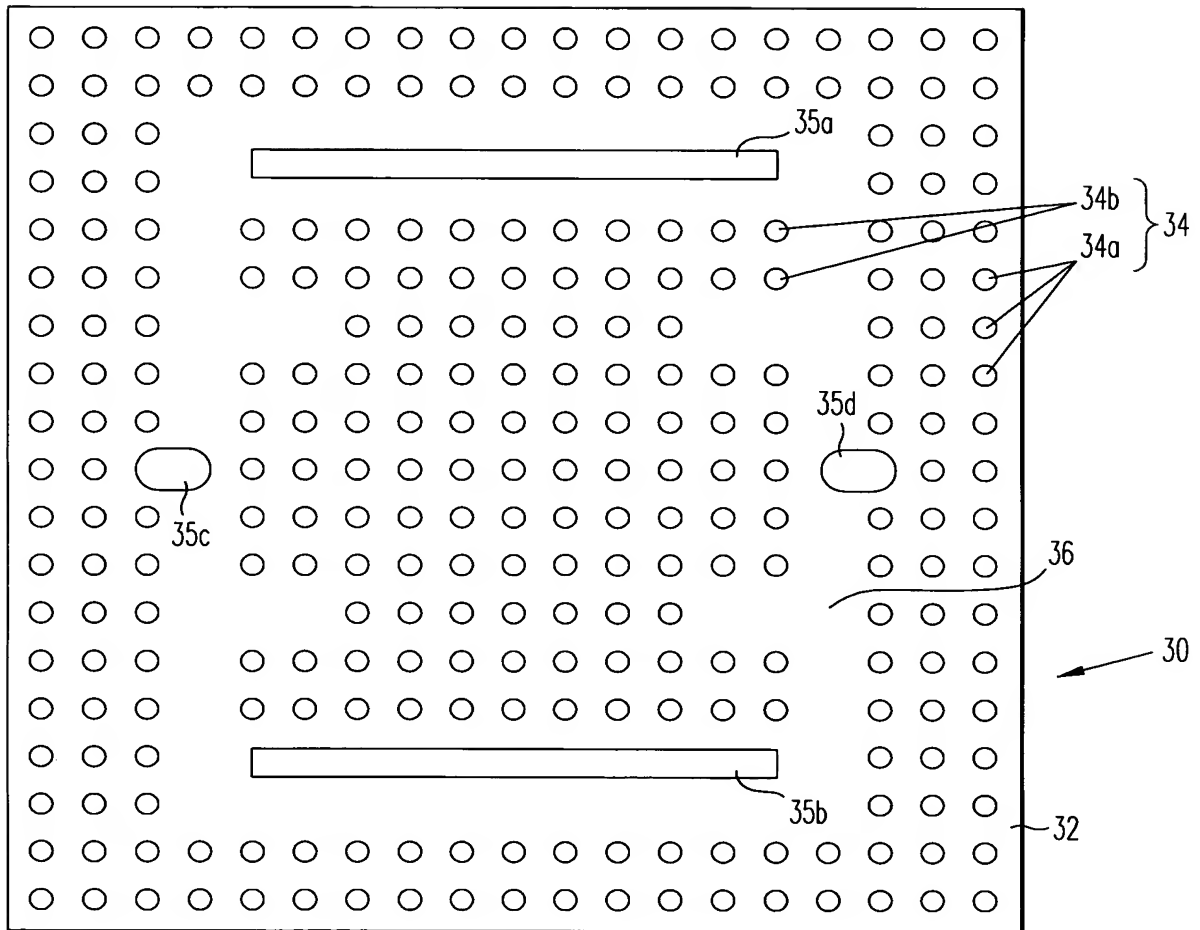


FIG. 2

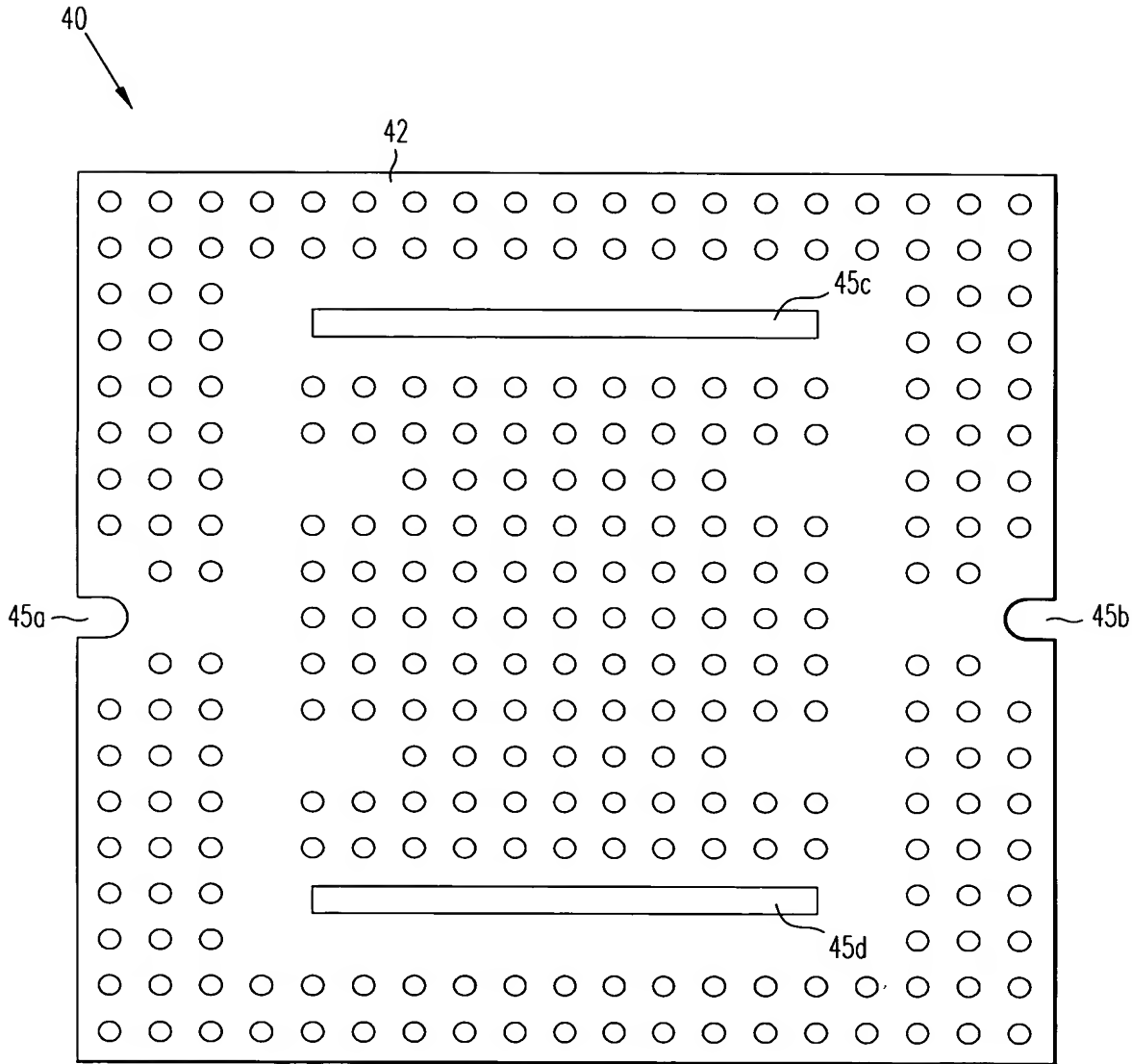
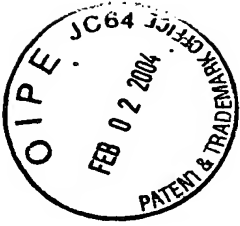


FIG. 3



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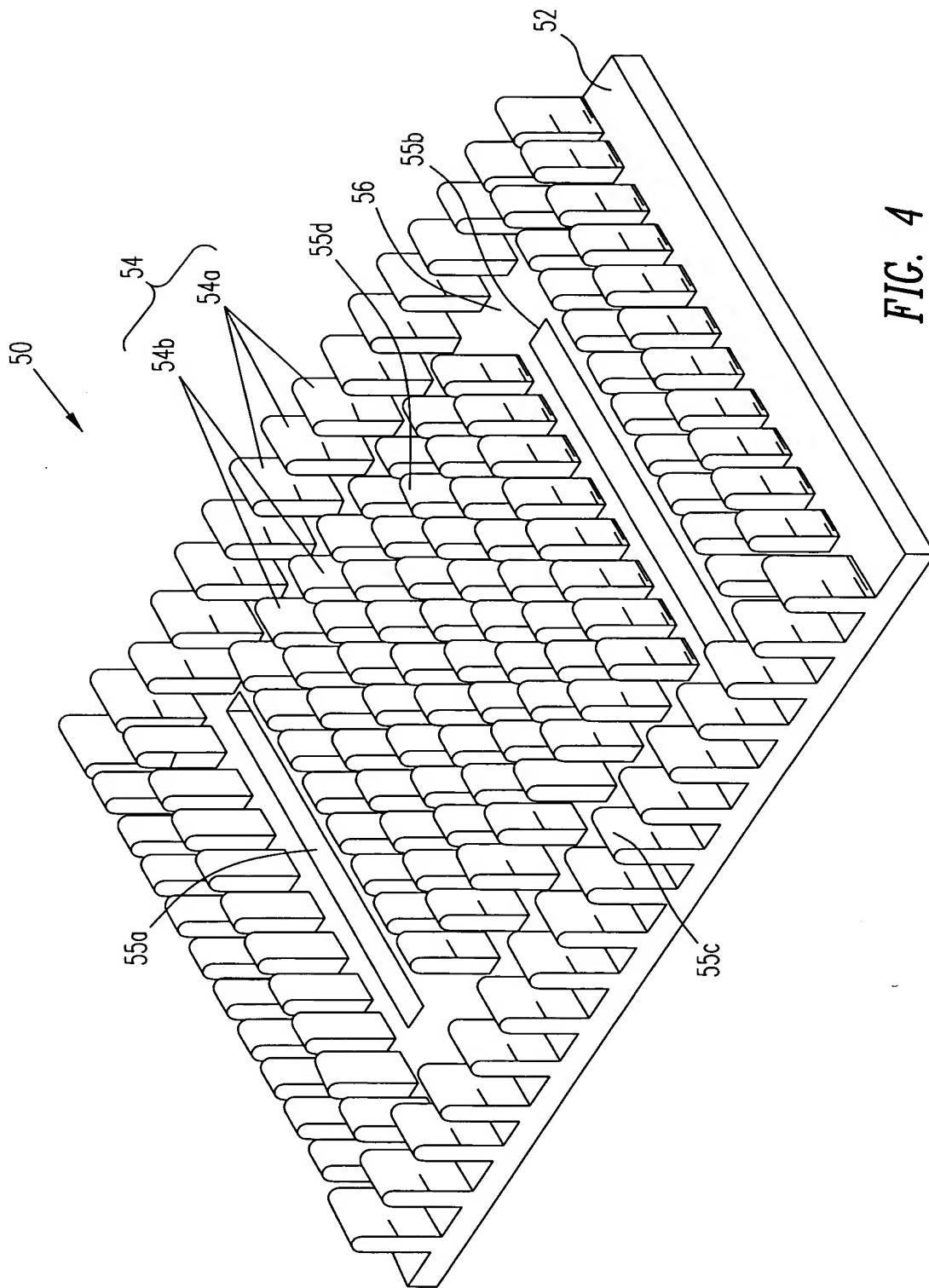


FIG. 4



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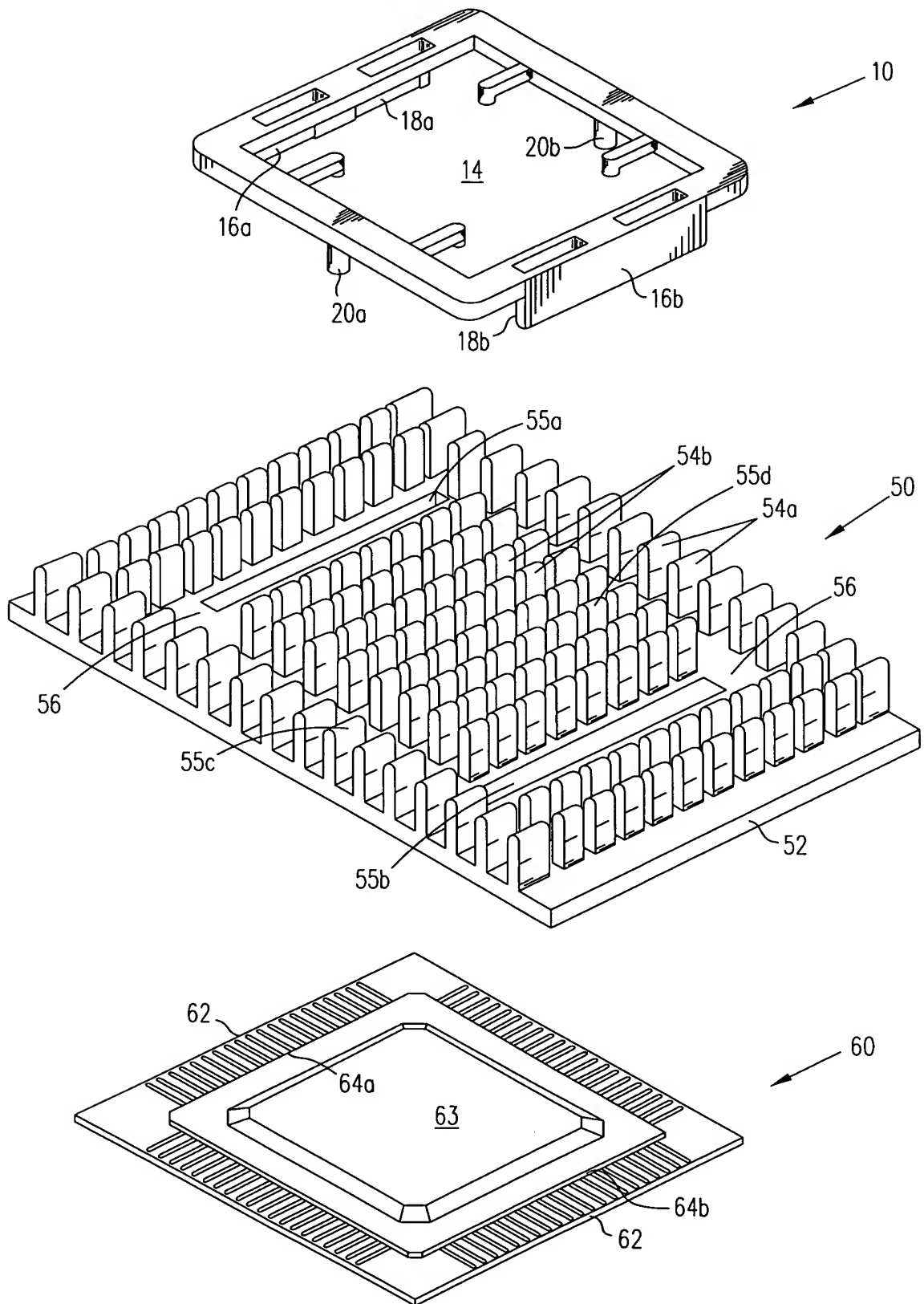
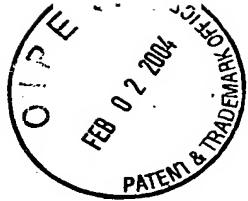


FIG. 5



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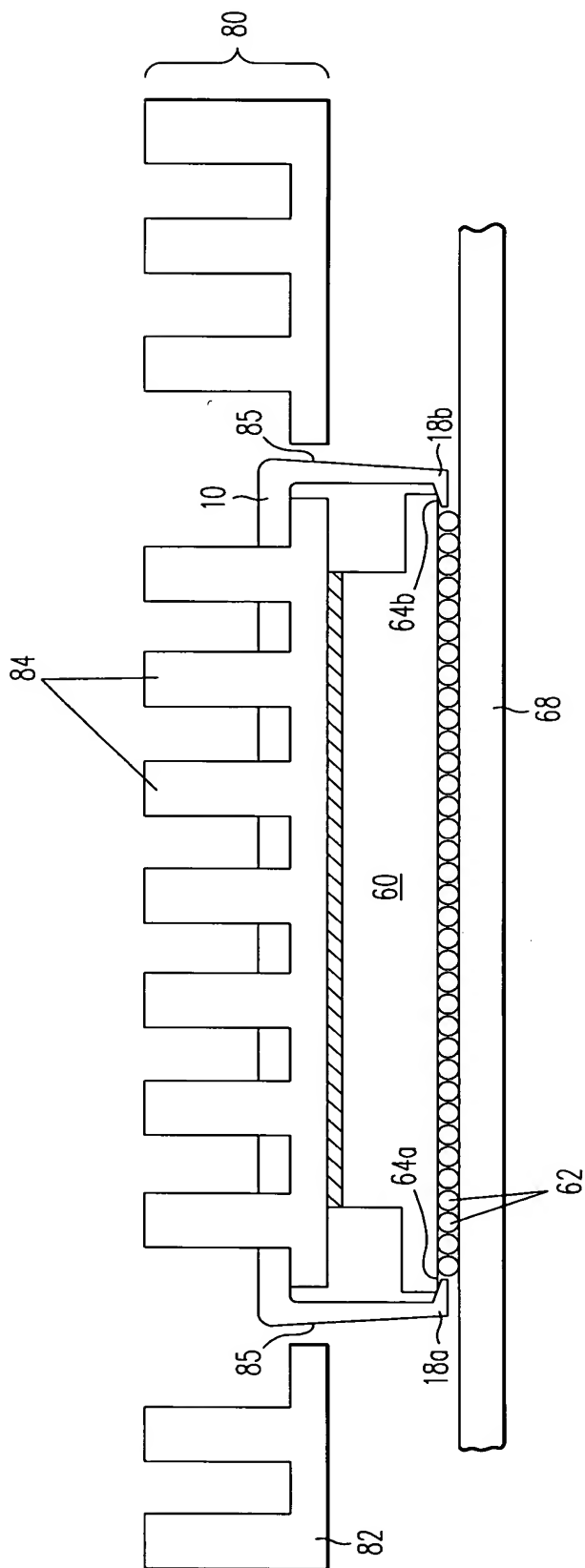


FIG. 6A



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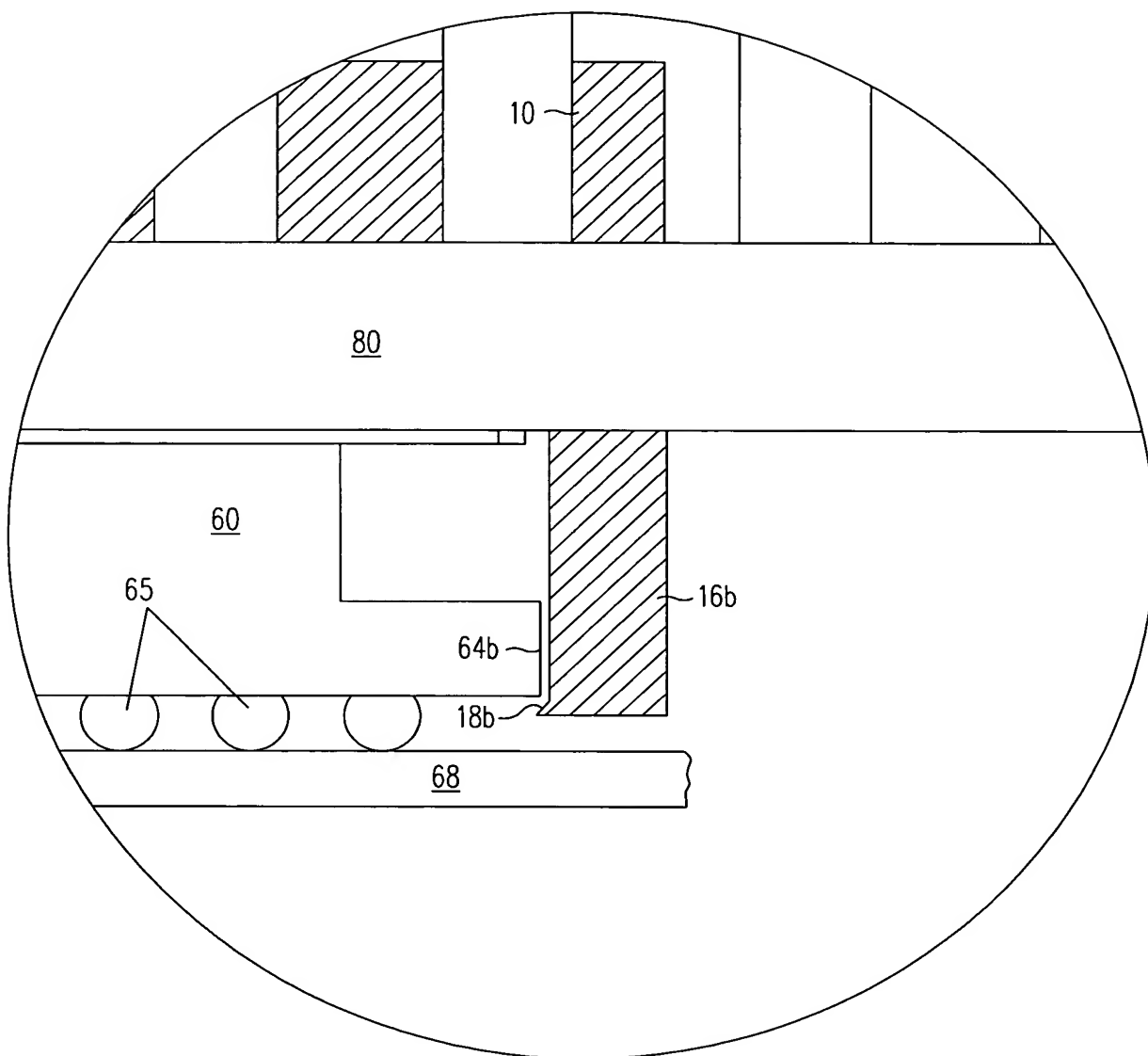


FIG. 6B

This cross-sectional view shows a multi-layered structure. A central core (60) is composed of a series of stacked layers (64) separated by a hatched interface. The core is flanked by side layers (70) containing a pattern of circles (65). The entire assembly is enclosed within a frame (80) with a central opening (82). The frame is supported by a base (84) and a top layer (85). The side layers are connected to the frame by a layer (96a) and a top layer (96b). The side layers are also connected to the frame by a layer (98a) and a top layer (98b). The side layers are also connected to the frame by a layer (98a) and a top layer (98b).



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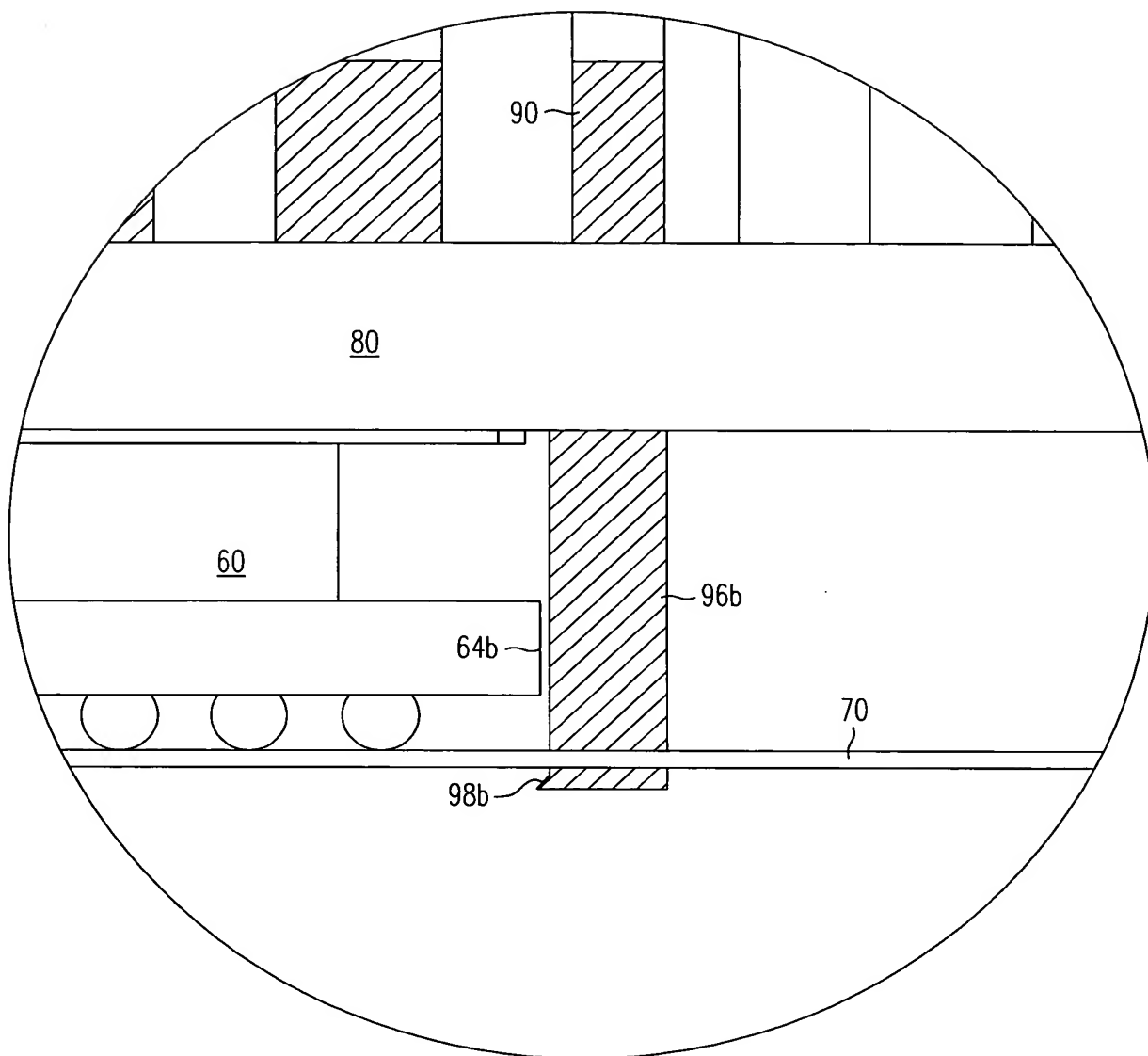


FIG. 7B

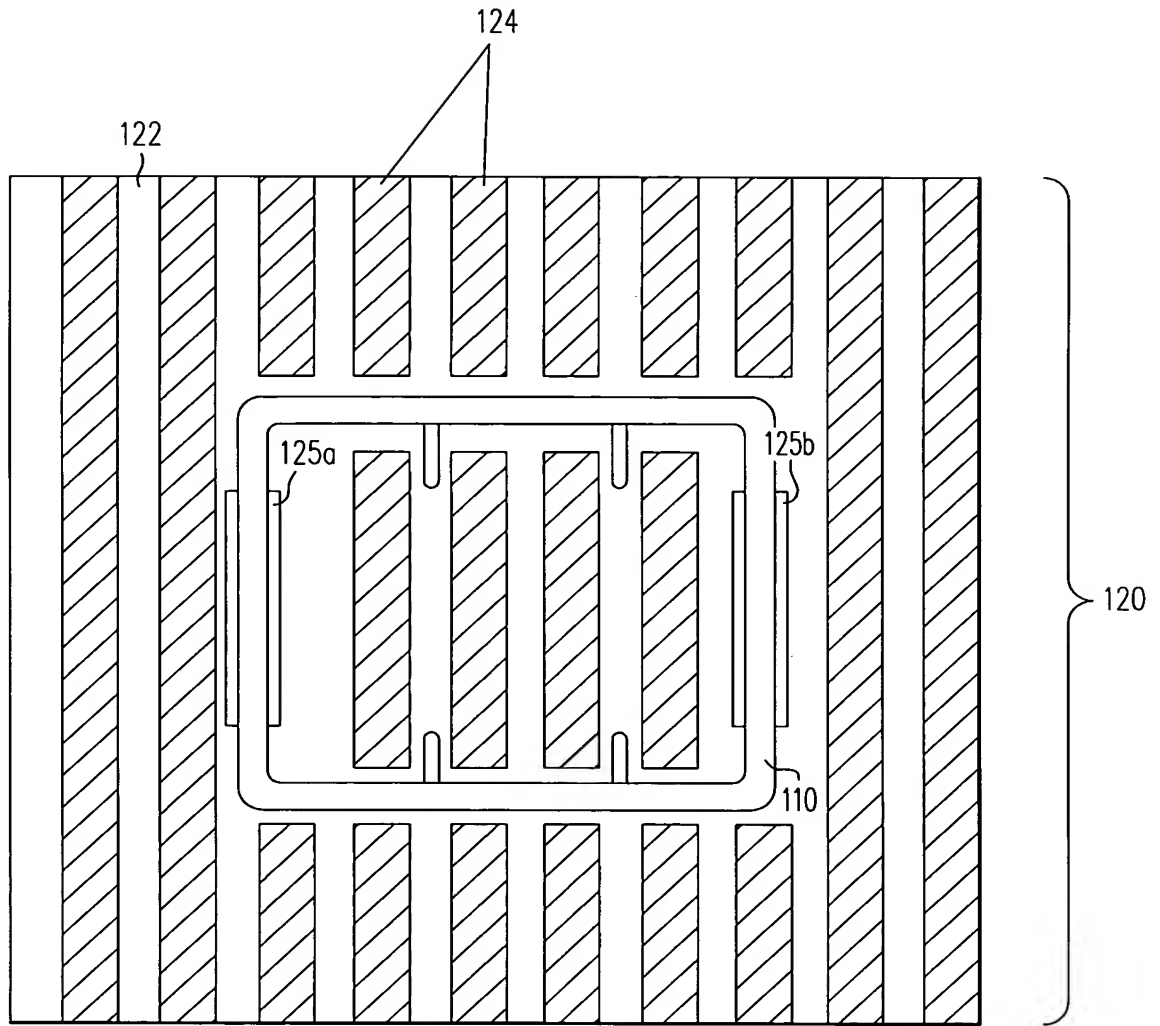


FIG. 8



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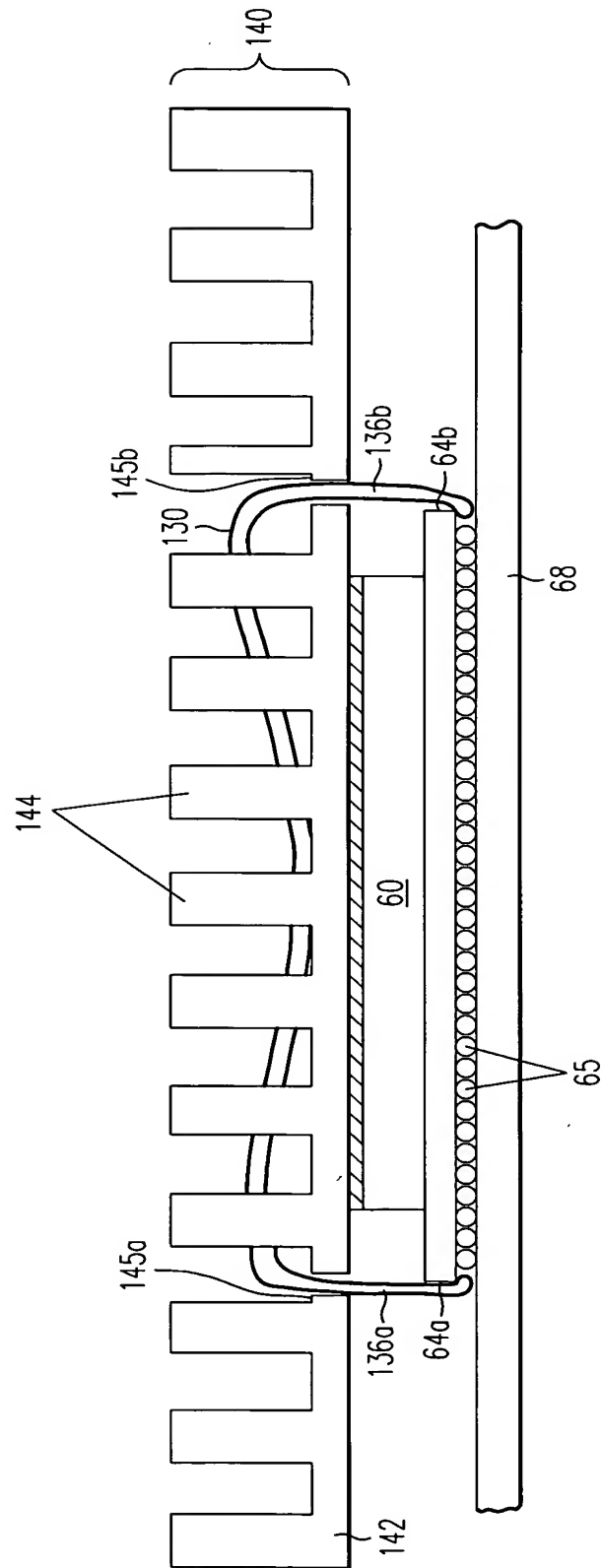


FIG. 9



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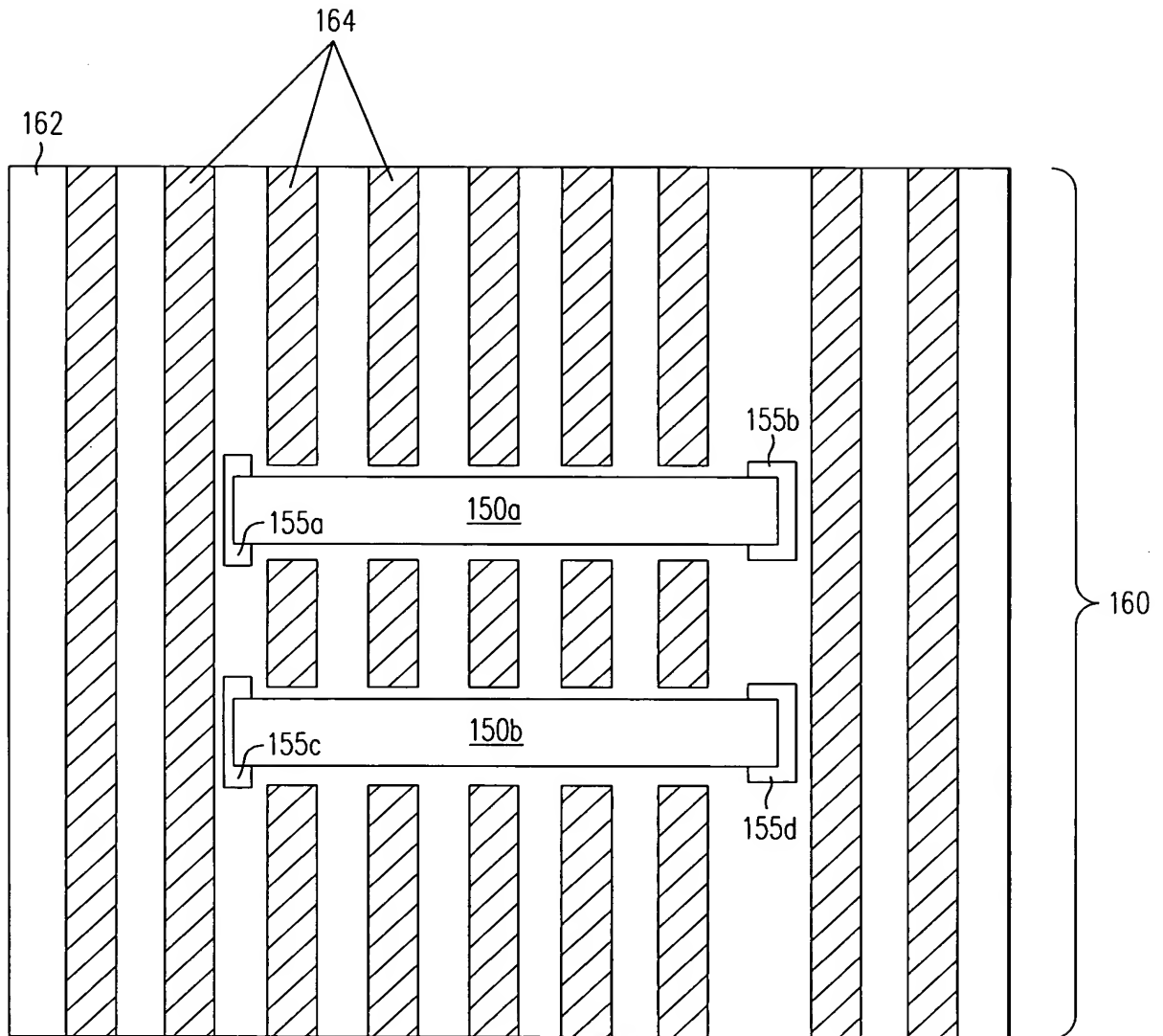


FIG. 10



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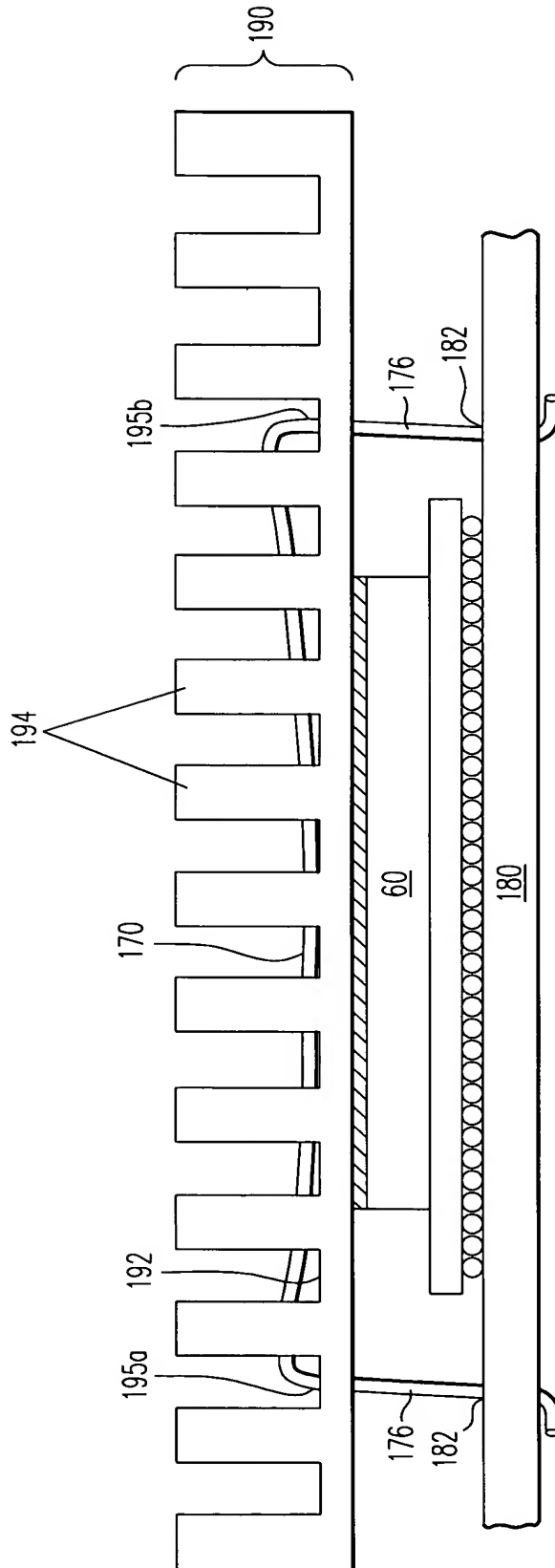


FIG. 11

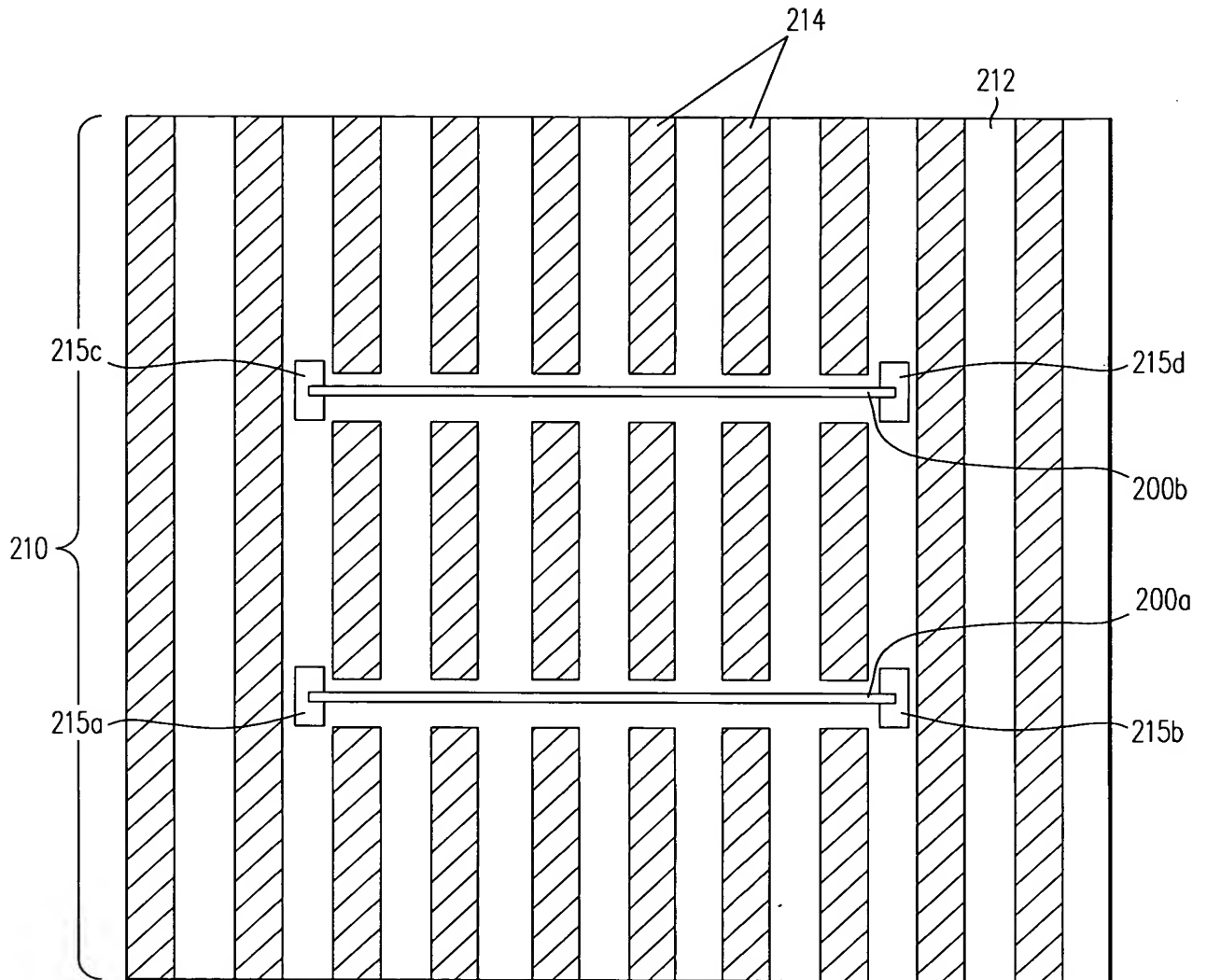


FIG. 12



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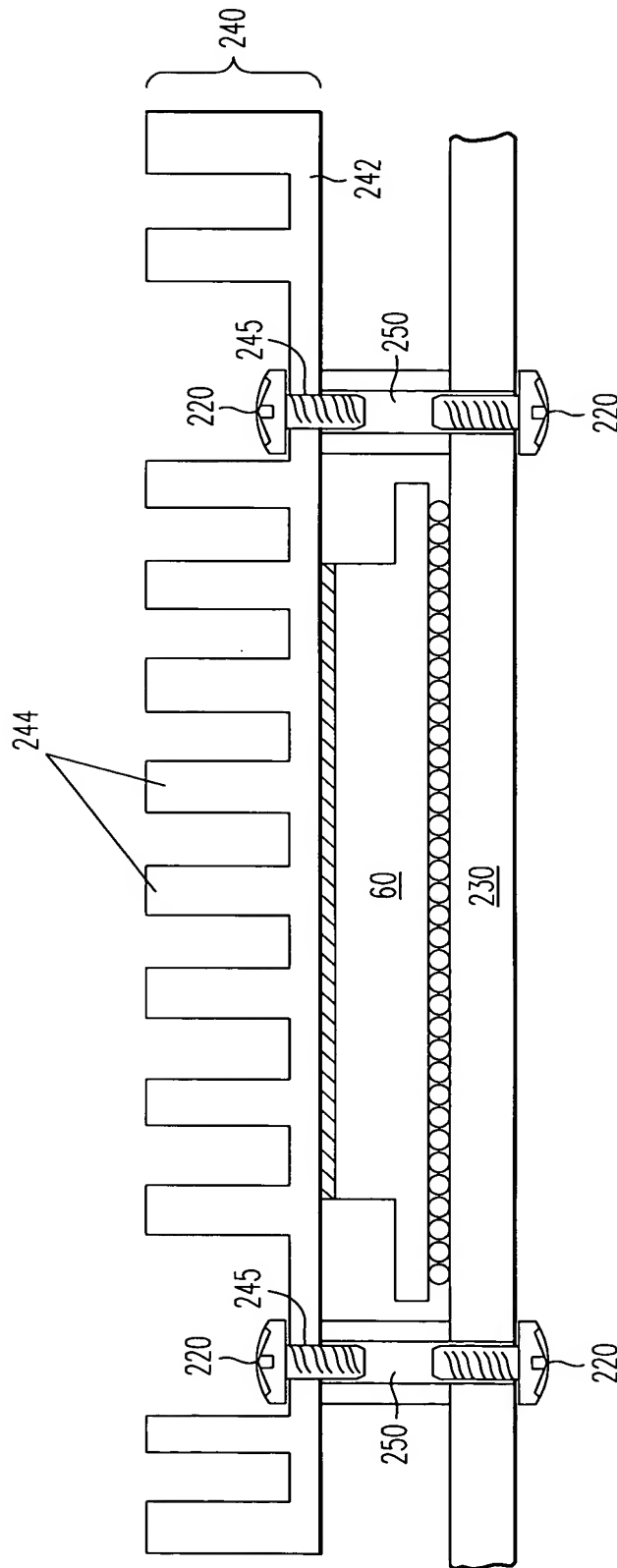


FIG. 13



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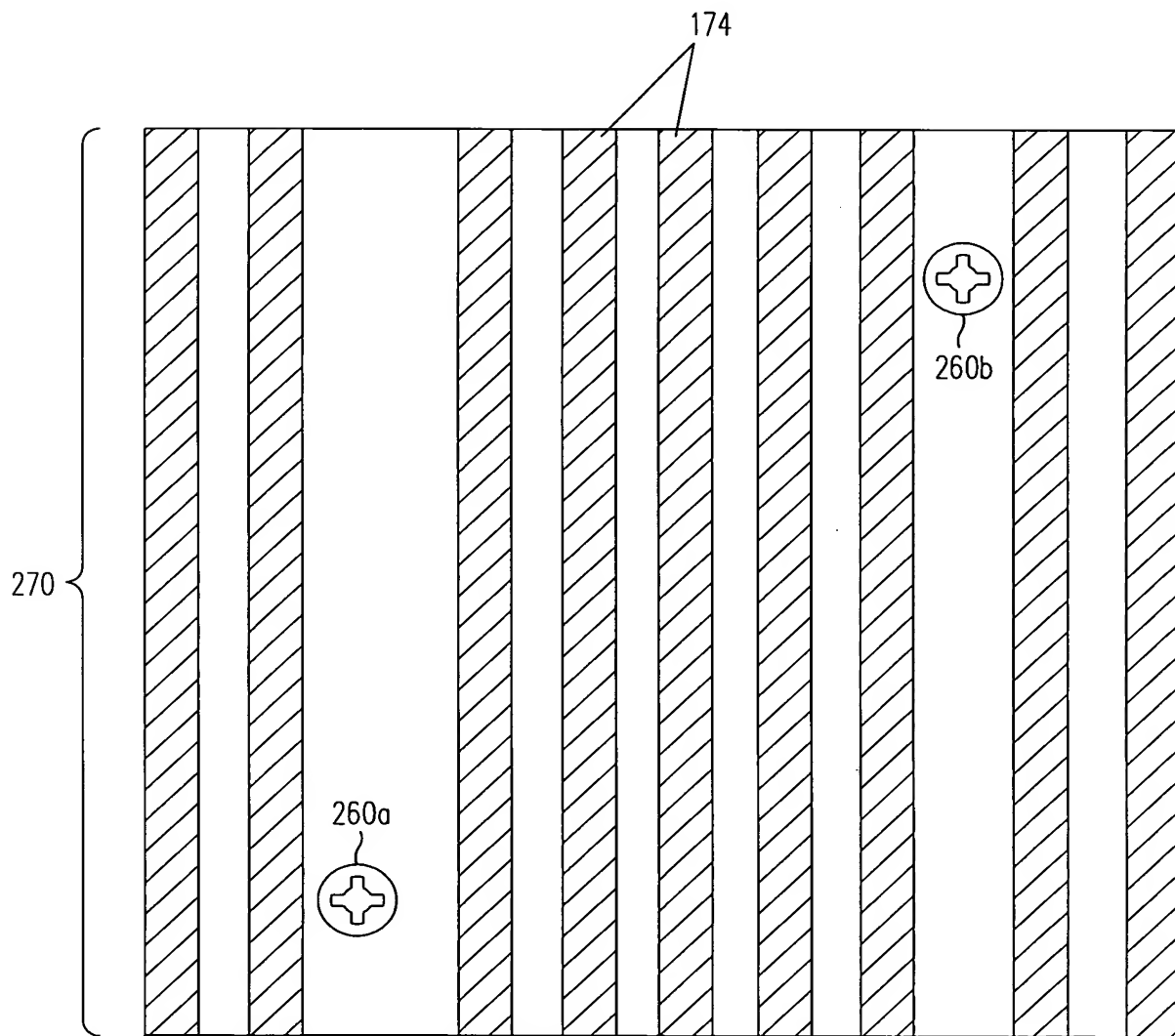


FIG. 14